

Session Program

May 2 - 5, 2023



Progress on Old and New Themes in cosmology (PONT) 2023

Astrophysical messengers of fundamental physics

Palais des papes, Avignon, Chambre du Trésorier

Fri, May 5

9:00 AM

Astrophysical messengers of fundamental physics

Session | **Location:** Palais des papes, Avignon, Chambre du Trésorier

09:00 - 09:35 **Selected aspects of the particle vs wave nature of dark matter**

Speaker

Sebastian Hoof

Location

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09:35 - 10:10 **Probing light particles with stars**

Speaker

Andrea Caputo

Location

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10:10 - 10:45 **Dark matter in extreme astrophysical environments**

Speaker

Dr Djuna Croon

Location

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10:45 - 11:15 **Coffee break**

11:15 - 11:50 **Probing dark matter with line intensity mapping**

Speaker

Alvise Raccanelli

Location

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11:50 - 12:25 **Gamma and X-ray searches for dark matter**

Speaker

Nicholas Llewellyn Rodd

Location

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12:25 PM

1:55 PM

Astrophysical messengers of fundamental physics

Session | **Location:** Palais des papes, Avignon, Chambre du Trésorier

13:55 - 14:30 **Dark matter - baryon interactions in the Milky Way**

Speaker

Prof. Kimberly Boddy

2:30 PM